Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	122	hasebe-kazuhide.in. or okada-mitsuhiro.in. or chiba-takashi.in. or ogawa-jun.in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 09:19
S2	353	438/905.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 09:57
S3	724	134/1.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:13
S4	2235	134/1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:13
S5	952	134/19.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:14
S6	1217	134/22.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:14
S7	674	134/22.11.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:14
S8	729	134/22.12.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:14
S9	902	134/22.18.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:14
S10	1975	134/26.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:18
S11	1588	134/30.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:21
S12	1885	134/34.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:22
S13	1002	134/37.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 11:22
S14	1414771	activat\$ or excit\$	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:07

S15	1025015	nitrogen or ammonia or (dinitrogen adj monoxide) or (nitric adj oxide) or ("NH.sub.3") or ("N.sub.2" adj O) or (N adj "O.sub.2")	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:08	
S16	36352	S14 with S15	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:09	
S17	353	438/905.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:09	
S18	14	S17 and S16	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:11	
S19	1217	134/22.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 15:51	
S20	22	S19 and S16	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 14:16	
S21	. 1	"5,935,340".pn.	US-PGPUB; USPAT; USOCR	AND	ON ,	2007/05/02 13:22	
S22	28	("4872947" "4951601" "5129958" "5207836").PN. OR ("5935340").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:24	
S23	59	("4529474" "4581101" "4657616" "4749440" "4778532" "4797178" "4820377" "4857139" "4975147").PN. OR ("5129958").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:44	
S24	1	"6060397".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 13:44	
S25	724	134/1.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 14:16	
S26	57	S25 and S16	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 14:42	
S28	594	427/535.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 14:39	
S29	40	S28 and S16	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 14:42	
S30	1	"20020106909"	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 15:11	

					011	2007/07/00 46 27
S31	415	S19 and S15	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/02 16:37
S32	441	S25 and S15	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 07:42
S33	674	134/22.11.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 07:42
S34	1026055	nitrogen or ammonia or (dinitrogen adj monoxide) or (nitric adj oxide) or ("NH.sub.3") or ("N.sub.2" adj O) or (N adj "O.sub.2")	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 07:42
S35	172	S33 and S34	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 08:15
S36	729	134/22.12.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 08:15
S37	176	S36 and S34	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 08:24
S38	1977	134/26.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 08:24
S39	933	S38 and S34	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 08:31
S40	1	("5963834").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 08:33
S41	1034	438/680.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 09:18
S42	1155	438/758.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 09:18

			,			
S43	40	("20020020429" "20020033183" "4138306" "4563367" "4910042" "4913929" "4988644" "5000113" "5158644" "5346579" "5350480" "5403434" "5662770" "5688357" "5770098" "5788778" "5792272" "5812403" "5843239" "5844195" "5939831" "5942804" "6039834" "6055927" "6060400" "6109206" "6125859" "6148832" "6170428" "6182602" "6217951" "6255222" "6274058" "6329297" "6379575" "6387207" "6418874" "6435197" "6450117" "6584987").PN. OR ("7159597"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 09:36
S44	2	"20030029475"	US-PGPUB; USPAT; USOCR	AND .	ON	2007/05/03 09:36
S45	9	("4389967" "4428975" "4522849" "5129958" "5728629" "6071573").PN. OR ("6468903"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 11:18
S46	13802	nitriding or nitridation	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/05 14:40
S47	281856	reactor	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 11:20
S48	766621	clean or cleaning	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 11:20
S49	7	(S46 with S47 with S48)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 11:21
S50	263	(S46 with S47)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 11:23
S51	444	(S46 with S48)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 12:48
S52	1598	438/778.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 12:48
S53	1	"6503330".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 13:55

S54	9	("4389967" "4428975" "4522849" "5129958" "5728629" "6071573").PN. OR ("6468903"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 14:10
S55	33	((cleaning adj gas) with fluorine) and (S34) and S46	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 14:40
S56	1	((cleaning adj gas) with fluorine) (nitrogen with supply) (activating adj unit) (nitriding adj unit)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 14:41
S57	1	((cleaning adj gas) with fluorine) (nitrogen with supply) (activating adj unit)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 14:41
S58	3	((cleaning adj gas)) (nitrogen with supply) (activating adj unit)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/03 14:41
S59	3	((cleaning adj gas) with fluorine) activating nitriding	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 08:27
S60	124	((aqueous or aq) with (fluorine or HF)) same (gas or plasma) same advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:03
S61	599	427/535.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:12
S62	3559	118/715.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:20
S63	1082	S62 and nitrid\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:20
S64	52	S62 and nitriding	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:32
S65	64	"118".clas. (nitriding same (activat\$3 or clean\$3))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:43
S66	7640	((cleaning with gas) or HF or (gas with fluorine)) with (inlet or supply)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:44
S67	57401	(nitrogen or ammonia or (dinitrogen adj monoxide) or (nitric adj oxide) or "NH.sub.3" or ("N.sub.2" adj O) or ("NO.sub.2")) with (inlet or supply)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:28
S68	97133	activat\$3 with (heat\$3 or (plasma with generat\$4))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:48

				,		
S69	149	S66 S67 S68	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:52
S70	8	S66 (S67 same S68)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 10:00
S71	11	("5080971" "5348095" "6112818" "6162717" "6204203" "6337289" "6425444" "6454013" "6457532" "6510896" "6518203").PN. OR ("6825126"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 09:55
S72	273	(S67 same S68)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 10:00
S73	2	"20030029475"	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 10:25
S74	9	("4389967" "4428975" "4522849" "5129958" "5728629" "6071573").PN. OR ("6468903"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 10:48
S75	18	("3540926" "3692566" "3734817" "3746569" "4297387").PN. OR ("4522849"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 11:07
S76	6220	nitrid\$3 with quartz	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 11:07
S77	576	S76 S68	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 11:21
S78	1	"5041311".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 11:21
S79	20	("4058638" "4579609" "4629635").PN. OR ("5041311"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 12:56
S80	0	6121161.pn/	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 12:56
S81	1	"6121161".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 13:00
S82	37	nitride with seasoning	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:26

	1		T	T	T	т
S83	1	"5,589,233".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:16
S84	1	"20050214455"	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:17
S85	0	("2005/0214455").URPN.	USPAT	AND	ON	2007/06/21 14:21
S86	37	seasoning (nitrid\$3) (S67)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:29
S87	1042397	(nitrogen or ammonia or (dinitrogen adj monoxide) or (nitric adj oxide) or "NH.sub.3" or ("N.sub.2" adj O) or ("NO.sub.2"))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:28
S88	231	seasoning (nitrid\$3) (S87)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 08:14
S89	10	("5431772" "5456796" "5681424" "5705080" "5811356" "5824375" "5874362" "6020270" "6090718" "6325948").PN. OR ("6877517"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/21 14:33
S90	1042397	(nitrogen or ammonia or (dinitrogen adj monoxide) or (nitric adj oxide) or "NH.sub.3" or ("N.sub.2" adj O) or ("NO.sub.2"))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 08:14
S91	3090	seasoning (S90)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 08:15
S92	362	seasoning (S90 same (plasma or activat\$3))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 08:18
S93	1	"6,589,868".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 08:22
S94	1	"5,935,340".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 09:09
S95	11	seasoning with (heat or thermal or deg) with (plasma)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 09:11
S96	645	seasoning with (heat or thermal or deg)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 09:11
S97	49	seasoning with (heat or thermal or deg) same (plasma or rf or activat\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:07

S98	1787	(heat or thermal or deg) with (plasma or rf or activat\$5) with	US-PGPUB; USPAT;	AND	ON	2007/06/22 10:08
		advantage	USOCR			
S99 ·	35	(heater) with (plasma) with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:36
S10 0	25	(heater) with (plasma) with (cost)	US-PGPUB; USPAT; USOCR	AND .	ON	2007/06/22 10:38
S10 1	2418	(activat\$5 with (thermal or heat)) same (plasma)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:39
S10 2	1074	(activat\$5 with (thermal or heat)) with (plasma)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:39
S10 3	12	(activat\$5 with (thermal or heat)) with (plasma) with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:40
S10 4	538	((thermal or heat) with plasma with advantage)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:41
S10 5	151	((thermal or heat) with plasma with advantage) cvd	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:44
S10 6	5	(plasma adj generat\$5) with (heater) same advantage	US-PGPUB; USPAT; USOCR	AND	ON .	2007/06/22 10:45
S10 7	122	(plasma) with (heater) same advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:49
S10 8	1	"20040045577"	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:50
S10 9	34	thermal adj activation with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:51
S11 0	9	(thermal adj activation) season	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/22 10:51
S11 1	7	(thermal adj activation) seasoning	US-PGPUB; USPAT; USOCR	AND	ON.	2007/06/22 10:51
S11 2	0	(process adj gas) with (silicon adj nitride) with (ammonia) with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 08:43

S11 3	86	(process adj gas) with (silicon adj nitride) with (ammonia)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 08:53
S11 4	1	"5482739".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 08:48
S11 5	1	(process adj gas) with (silicon adj nitride) with (ammonia) with (known or conventional or prior)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 08:51
S11 6	344	(silicon adj nitride) with (ammonia) with (known or conventional or prior)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 08:51
S11 7	117	(process adj gas) with (silicon adj nitride) with (ammonia or ("NH.sub. 3"))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 09:11
S11 8	27	((silicon adj nitride) or SiN or ("Si. sub.3" adj "N.sub.4")) with (ammonia or ("NH.sub.3")) with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 09:22
S11 9	7641	(ammonia or ("NH.sub.3")) with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 09:22
S12 0	27	(ammonia or ("NH.sub.3")) with advantage with ((silicon adj nitride) or SiN or ("Si.sub.3" adj "N.sub.4"))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 09:43
S12 1	537	(ammonia or ("NH.sub.3")) with (known or conventional or prior) with ((silicon adj nitride) or SiN or ("Si.sub.3" adj "N.sub.4"))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 10:32
S12 2		(ammonia or ("NH.sub.3")) with (advantage or benefit) same ((silicon adj nitride) or SiN or ("Si. sub.3" adj "N.sub.4"))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 09:56
S12 3	564	(heater or heat or thermal) with (plasma) with advantage	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 10:43
S12 4	29	((heater or heat or thermal) with (plasma) with advantage) same activat\$5	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 10:36
S12 5	1	"20050241670"	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 10:44
S12 6	108	((thermal or heat) adj (activat\$5)) with plasma	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/24 10:45